

Google Earth Activity

Teacher Name: **Ms. Godbout**

Student Name: _____

CATEGORY	Exceeds	Proficient	Needs Work	Little/No Attempt
Screen Shots	The student includes five or more screen shots showing how they used Google Earth to find measurements.	The student includes at least four screen shots. Two to show the elevation, one showing the trail distance, and the third showing their final calculations and triangle.	The student includes 3 screen shots, providing the one missing is NOT their calculations and triangle one.	The student has 2 screenshots or less. The student is missing their calculations and diagram screenshot.
Traingle	Students uses the distance formula to prove the hypotenuse length to be true.	The student labels all three sides (A, B, C) and includes the correct length based on their Google Earth calculations.	There are two side lengths labeled and/ or one side length is calculated incorrectly.	There are less than two side lengths labeled and/or more than one side length is calculated incorrectly.
Sketches	The diagram is clearly a triangle and all necessary elements are labeled. The viewer could complete the same assignment from this example.	The diagram is clearly a triangle and all necessary elements are labeled. It is understood by viewer.	The diagram is clearly a triangle, however, it is missing some labels and can be hard for the viewer to understand.	There is little use, or a lot of inappropriate use, of terminology and notation and the viewer can't tell what it's suppose to be.
Calculations	The student uses Pythagorean Theorem to find the second leg. The student calculates the slope. The student finds the three angles of the triangle. All calculations are correct.	The student uses Pythagorean Theorem to find the second leg. The student calculates the slope. The student finds the three angles of the triangle. One calculation is incorrect.	The student does two of the three calculations and/or has two incorrect calculations.	The student completes one or no calculations or has more than two incorrect calculations.
Final Product	Student meets proficient expectations and posts this file to the class wiki.	The student completes all the previous steps and puts all screen shots and calcluations into a final product. This can include be in whatever medium they choose. Ex, blogger, prezzi, word.	The student puts their files into a final product but is missing necessary pieces.	The student does not put their findings into final product form.
Presentation	The student does everything in proficient category and explains their calculations. Students includes any problems they had with this assignment.	The presenter presents their findings (final product) and explains their process. The student speaks clearly and is understood by the audience.	The presenter shares their final product but leaves of some important aspects. The student is sometimes misunderstood by the audience or has to be asked to speak up/slow down.	The student doesn't present.